

**APPLICATION FOR UNITED STATES PATENT
DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that: Marshall Wayne BERN and David GOLDBERG
 My residence, post office address and citizenship are as stated below next to our names; that
 I verify believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint
 inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the
 invention entitled:
DOCUMENT IMAGE IMPROVEMENT

described and claimed in the specification:
 Check one

a. attached hereto.
 b. Filed on _____ as Application No. _____ and amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims,
 as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in
 Title 37, Code of Federal Regulations, §1.56. Under Title 35, U.S. Code §119, the priority benefits of the following foreign
 application(s) and/or United States provisional application(s) filed by me or my legal representatives or assigns within one year
 prior to this application are hereby claimed:

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the
 United States of America either (a) more than one year prior to this application, or (b) before the filing date of the above-named
 foreign priority application(s) and/or United States provisional application(s):

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this
 application and to transact all business in the Patent Office:

James A. O'Neill, Registration No. 27,075; William P. Bettridge, Registration No. 30,024;
 Kirk M. Hudson, Registration No. 27,562; Thomas J. Pardini, Registration No. 30,411;
 Edward P. Walker, Registration No. 31,450; Robert A. Miller, Registration No. 32,771;
 Mario A. Costantino, Registration No. 33,565; Stephen J. Roe, Registration No. 34,463;
 Joel S. Armstrong, Registration No. 36,430; Christopher W. Brown, Registration No. 38,025;
 Richard E. Rice, Registration No. 31,560; Mark Costello, Registration No. 31,342;
 Don L. Webber, Registration No. 34,275; Ronald F. Chapuran, Registration No. 26,402;
 Eugene O. Palazzo, Registration No. 20,881; Kevin R. Kepner, Registration No. 32,145;
 and/or Richard B. Domingo, Registration No. 36,784.

**ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF &
 BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.**

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein
 of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these
 statements were made with the knowledge that willful false statements and the like so made are punishable by fine or
 imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may
 jeopardize the validity of the application or any patent issued thereon.

1	Typewritten Full Name of First or Sole Inventor	Marshall	W.	BERN
2	**INVENTOR'S SIGNATURE:	Given Name <i>Marshall</i>	Middle Initial <i>W</i>	Family Name <i>Bern</i>
3	**DATE OF SIGNATURE:	December	26	2001
	Month	Day	Year	
Residence:	San Carlos	California	U.S.	
	City	State or Province	Country	
Citizenship:	U.S.			
Post Office Address: (Insert complete mailing address, including country)	368 Cedar Street, San Carlos, California 94070			

*This form may be executed only when attached to the specification (including claims) at the end thereof if Box a. is checked.
 **Note to Inventor: Please sign name exactly as it appears above and insert actual date of signing.

Page 2 OF U.S.A. DECLARATION FORM
(Discard this page in a sole inventor application)

1	Typewritten Full Name of Second Joint Inventor (if any)			Given Name	Middle Initial	Family Name
	David					Goldberg
2	**INVENTOR'S SIGNATURE:			<i>David Goldberg</i>		
3	**DATE OF SIGNATURE:			Dec	16	2001
				Month	Day	Year
	Palo Alto	California	U.S.			
	City	State or Province	Country			
	Citizenship:			U.S.		
	Post Office Address: (Insert complete mailing address, including country)			532 Channing Avenue, #201, Palo Alto, California 94301		
1	Typewritten Full Name of Third Joint Inventor (if any)			Given Name	Middle Initial	Family Name
2	**INVENTOR'S SIGNATURE:					
3	**DATE OF SIGNATURE:			Month	Day	Year
	Residence:	City	State or Province	Country		
	Citizenship:					
	Post Office Address: (Insert complete mailing address, including country)					
1	Typewritten Full Name of Fourth Joint Inventor (if any)			Given Name	Middle Initial	Family Name
2	**INVENTOR'S SIGNATURE:					
3	**DATE OF SIGNATURE:			Month	Day	Year
	Residence:	City	State or Province	Country		
	Citizenship:					
	Post Office Address: (Insert complete mailing address, including country)					
1	Typewritten Full Name of Fifth Joint Inventor (if any)			Given Name	Middle Initial	Family Name
2	**INVENTOR'S SIGNATURE:					
3	**DATE OF SIGNATURE:			Month	Day	Year
	Residence:	City	State or Province	Country		
	Citizenship:					
	Post Office Address: (Insert complete mailing address, including country)					

****Note to Inventors:** Please sign name exactly as it appears and insert the actual date of signing.
 This form may be executed only when attached to the first page of the Declaration and Power of Attorney form and the specification (including claims) of the application to which it pertains.